Appendices

Appendix 1

- Fig. 1 – Regional Location Plan

Appendix 2 (Transportation Center)

- Fig. 1 – Grading Plan, 2012
- Fig. 2 – Floor Plan (partial), 1992
- Fig. 3 – Site Plan (partial), 1998
- Fig. 4 – Site Plan (partial), 1992

Appendix 3 (Transportation Center)

- Historic Topographic Map

Appendix 4 (Transportation Center)

- Historic Sanborn Fire Insurance Maps

Appendix 5 (Transportation Center)

- LSL Analytical Report

Appendix 6 (Transportation Center)

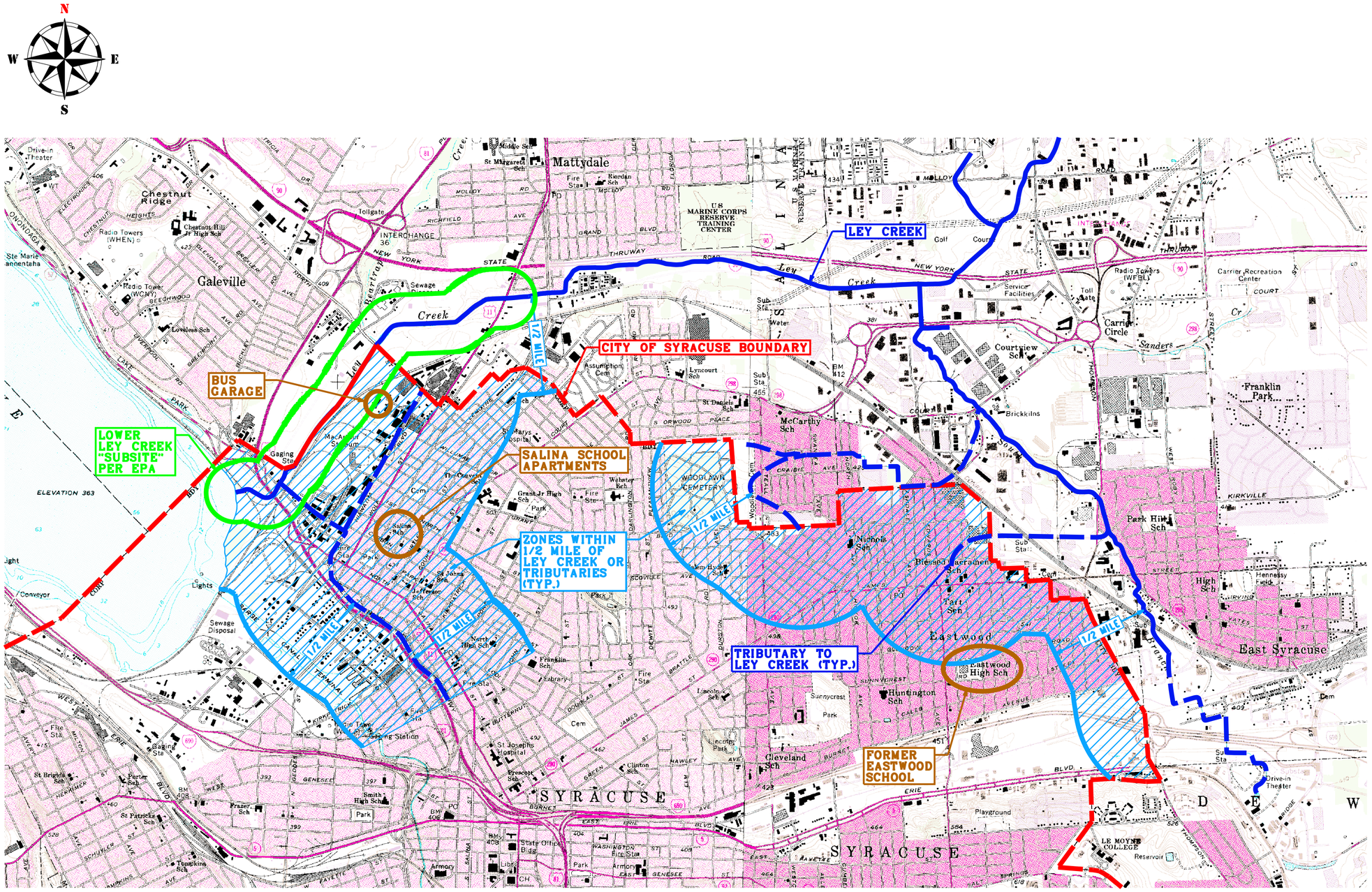
- Soil Boring Logs

Appendix 7 (Transportation Center)

- EDR Report

APPENDIX 1

Fig.1: Regional Location Plan



BASE MAP REFERENCES:

1. U.S.G.S. SYRACUSE WEST QUADRANGLE, 1973 (P.R. 1978).
2. U.S.G.S. SYRACUSE EAST QUADRANGLE, 1957 (P.R. 1978).
3. HISTORICAL TOPOGRAPHIC MAP, SYRACUSE QUADRANGLE, 1898.

REGIONAL LOCATION PLAN

1" = 2,000'

2,000 0 2,000 4,000

SCALE FEET

NOTES:

1. TRIBUTARY LOCATIONS ARE BASED, IN PART, ON HISTORIC TOPOGRAPHIC MAP (BASE MAP REFERENCE No. 3). LOCATIONS ARE APPROXIMATE.

TDK ENGINEERING ASSOCIATES, P.C.
CIVIL · SITE DEVELOPMENT · GEOTECHNICAL · ENVIRONMENTAL
MARINE · INDUSTRIAL · GEOGRAPHIC INFORMATION SYSTEMS
19 GENESEE STREET, CAMILLUS, NEW YORK 13031
PHONE: (315) 672-8726 · FAX: (315) 672-8732
WWW.TDKENGINEERING.COM

PROJECT: EPA RFI RESPONSE PROGRAM

CLIENT: SYRACUSE CENTRAL SCHOOL DISTRICT

LOCATION: CITY OF SYRACUSE, ONONDAGA COUNTY, NEW YORK

DRAWING TITLE:
REGIONAL LOCATION PLAN

PROJECT No.: 2014019
SCALE: 1"=2000'
DATE: 07/15/14
ENG'D BY: JCH
DRAWN BY: DKC
CHECKED BY: JED

SHEET NO.
Fig. 1

APPENDIX 2
(TRANSPORTATION CENTER)

- ***Fig.1: Grading Plan, 2012***
- ***Fig.2: Floor Plan (partial), 1992***
- ***Fig.3: Site Plan (partial), 1998***
- ***Fig.4: Site Plan (partial), 1992***

KEY

EXISTING

- PROPERTY LINE
- TOPOGRAPHIC CONTOURS
- 97.1 'SPOT' GRADE
- DRAINAGE SWALE
- 8" S UNDERGROUND ELECTRIC
- LP LIGHT POLE

PROPOSED

- TOPOGRAPHIC CONTOURS
- SILT FENCE
- CATCH BASIN
- DRAINAGE LINE
- OUTLET PROTECTION
- LP LIGHT POLE (BY OTHERS)
- E UNDERGROUND ELECTRIC
- WARP LINE

EXISTING SITE PLAN

1" = 50' SCALE — 50 0 50 100 FEET

BASE MAP REFERENCES:

1. AERIAL PHOTO PROVIDED BY NEW YORK STATE STATEWIDE DIGITAL ORTHOIMAGERY PROGRAM: PHOTO TAKEN IN 2009.
2. PROPERTY BOUNDARY PROVIDED BY ONONDAGA COUNTY G.I.S. SYSTEMS ON THE WEB.
3. SITE VISIT PERFORMED BY TDK ENGINEERING ON NOVEMBER 04, 2011.

PROPOSED GRADING PLAN

1" = 30' SCALE — 30 0 30 60 FEET

BASE MAP REFERENCES:

1. AERIAL PHOTO PROVIDED BY NEW YORK STATE STATEWIDE DIGITAL ORTHOIMAGERY PROGRAM: PHOTO TAKEN IN 2009.
2. PROPERTY BOUNDARY PROVIDED BY ONONDAGA COUNTY G.I.S. SYSTEMS ON THE WEB.
3. SITE VISIT PERFORMED BY TDK ENGINEERING ON NOVEMBER 04, 2011.

NOTES

1. GRADING PLAN IS BASED ON ESTIMATED STOCKPILED SOIL QUANTITY AND AVAILABLE AREA ALONG EMBANKMENT FOR RELOCATION OF SPOILS. IF EXCESS SPOILS ARE GENERATED, CONTRACTOR TO COORDINATE TEMPORARY STAGING AREA(S) ON-SITE WITH AND/OR RELOCATION WITH SYRACUSE CITY SCHOOL DISTRICT (SCSD) AND PROJECT ENGINEER, AS APPLICABLE.
2. PROPERTY BOUNDARY LOCATION IS BASED ON TAX MAP (BASE MAP REFERENCE NO. 2). SCSD TO VERIFY PROPERTY BOUNDARY LOCATION AND COORDINATE PERMISSION FOR SILT FENCE PLACEMENT AND GRADING ON ADJOINING PROPERTY(S), AS APPLICABLE.
3. ELECTRICAL CONDUIT CONNECTIONS, LIGHT POLE/BASE DETAILS AND RELATED SPECIFICATIONS ARE NOT SHOWN (TO BE PROVIDED BY OTHERS). LOCATIONS OF LIGHT POLES ARE TENTATIVE-CONTRACTOR(S) TO COORDINATE WITH SCSD.
4. PARKING LOT STRIPING IS NOT SHOWN (TO BE DETERMINED BY SCSD).
5. BURIED UTILITIES SHOWN ARE BASED ON FIELD MARKINGS AND / OR SITE OBSERVATIONS MADE DURING TDK ENGINEERING'S NOVEMBER 4, 2011 MAPPING PROGRAM. OTHER UTILITIES MAY BE PRESENT. REFER TO GENERAL NOTE NO. 9 ON COVER SHEET FOR ADDITIONAL INFORMATION.

CONSTRUCTION SEQUENCE

1. EROSION AND SEDIMENT CONTROL:

1.A. INSTALL SILT FENCE ALONG SWALE TO LIMITS SHOWN.

2. CLEARING/GRUBBING:

2.A. REMOVE DEBRIS, TRAILERS, STORED ITEMS, ETC. FROM SITE AREA.

2.B. PERFORM SELECTIVE CLEARING/GRUBBING ALONG EMBANKMENT (REMOVE SCRUB BRUSH, SMALL TREES).

2.C. TREES LARGER THAN 8-INCH DIAMETER AT 2 FEET ABOVE GROUND SURFACE TO REMAIN. LIMB REMAINING TREES TO A 10 FEET ABOVE THE ADJACENT GROUND SURFACE.

3. SEDIMENT BASIN CONSTRUCTION:

3.A. EXCAVATE NORTH END OF SWALE TO THE LIMITS SHOWN. RELOCATE SPOILS AND GRADE ALONG EMBANKMENT.

3.B. REFER TO CONSTRUCTION SEQUENCE NO. 11 (SPOILS SCREENING/DISPOSAL PROGRAM).

4. LIGHT POLES AND CONDUITS:

4.A. INSTALL ELECTRIC CONDUITS ALONG PERIMTER OF PARKING EXPANSION IN ACCORDANCE WITH THE TYPICAL CONDUIT TRENCH DETAIL ON SHEET GD-2. STUB CONDUITS 1-FOOT ABOVE SURROUNDING FINISHED GRADE AND CAP, AS NECESSARY, PENDING SUBSEQUENT CONNECTION TO LIGHT POLES (BY OTHERS).

4.B. INSTALL LIGHT POLE BASES AT LOCATIONS SHOWN (TENTATIVE). FINAL LOCATIONS AND BASE REQUIREMENTS TO BE DETERMINED BY SCSD.

5. PAVEMENT CONNECTION PREPERATION:

5.A. SAWCUT EXISTING PAVEMENT TO LIMITS SHOWN AND EXCAVATE ADJACENT 15-FOOT ZONE TO A DEPTH OF ONE FOOT FOR NEW PAVEMENT CONNECTION. RELOCATE SPOILS AND GRADE ALONG EMBANKMENT. REFER TO CONSTRUCTION SEQUENCE NOTE NO. 11 (SPOILS SCREENING / DISPOSAL PROGRAM).

6. STORM SEWER:

6.A. INSTALL CATCH BASINS, STORM SEWER PIPING AND OUTLET PROTECTION TO LIMITS SHOWN AND IN ACCORDANCE WITH THE DETAILS ON SHEET GD-2.

7. ROUGH GRADING / PROOF-ROLLING PROGRAM:

7.A. "SCRAPE" APPROXIMATELY 7 INCHES OF SOIL FROM AREA ADJACENT TO EAST SIDE OF STOCKPILED SOIL TO TENTATIVE LIMITS SHOWN ON GRADING PLAN. RELOCATE SPOILS AND GRADE ALONG EMBANKMENT.

7.B. PROOF-ROLL SUB-GRADE WITHIN PAVEMENT EXTENSION AREA USING A 10-WHEEL DUMP TRUCK FULLY LOADED WITH CRUSHED STONE OR SOIL. EXCAVATE (OVERDIG) "SOFT" AREAS AND REPLACE WITH STRUCTURAL FILL COMPACTED TO 95 PERCENT MODIFIED PROCTOR DENSITY.

7.C. UNCOVER STOCKPILED SOIL AND REGRADE THROUGHOUT ADJACENT "SCRAPED" ZONE AND REMAINDER OF PARKING LOT, ALONG WITH REGRADING OVERBURDEN SOUTH OF SCRAPED ZONE, AS NEEDED TO FACILITATE FINAL ELEVATIONS SHOWN. ALLOW FOR A TOTAL SUB-BASE AND PAVEMENT THICKNESS OF 12 INCHES.

7.D. REFER TO CONSTRUCTION SEQUENCE NO. 11 (SPOILS SCREENING/DISPOSAL PROGRAM).

8. SUB-BASE PLACEMENT AND PAVING:

8.A. INSTALL SEPARATION GEOTEXTILE, COVER WITH 8 INCHES (MIN.) OF SUB-BASE TO LIMITS SHOWN. COMPACT SUB-BASE IN TWO LIFTS TO 95 PERCENT MODIFIED PROCTOR DENSITY.

8.B. FINE-GRADE TOP OF SUB-BASE, ALLOWING FOR A FINAL PAVEMENT THICKNESS OF 4 INCHES.

8.C. INSTALL 2 1/2-INCHES OF PAVEMENT BINDER AND A 1 1/2-INCH TOP COURSE TO LIMITS SHOWN.

8.D. REFER TO THE SOIL & AGGREGATE AND PAVING MATERIAL TABLES, TYPICAL PAVEMENT SECTION AND PAVEMENT RESTORATION DETAIL ON SHEET GD-2.

9. EMBANKMENT STABILIZATION:

9.A. RESTORE AND STABILIZE EMBANKMENT USING TURF REINFORCEMENT, TOPSOIL, JUTE MESH, SEED AND MULCH TO THE LIMITS SHOWN AND IN ACCORDANCE WITH THE EMBANKMENT LANDSCAPING DETAIL ON SHEET GD-2.

9.B. REFER TO THE LANDSCAPING SPECIFICATIONS ON SHEET GD-2.

10. SPOILS SCREENING/DISPOSAL PROGRAM:

10. A. REMOVE ALL LARGE (4 INCHES OR LARGER) STONES, CONSTRUCTION AND DEMOLITION (C&D) DEBRIS AND/OR ORGANIC MATERIAL (STUMPS, ROOTS, WOOD, ETC.) FROM EXCAVATED SPOILS PRIOR TO GRADING ALONG EMBANKMENT.

10.B. DISPOSE OF EXCESS SPOILS OR DEBRIS OFF-SITE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

FIGURE 1
(7/15/14)

NOT FOR CONSTRUCTION PRELIMINARY

TDK ENGINEERING ASSOCIATES, P.C.
CIVIL - SITE DEVELOPMENT - GEOTECHNICAL - ENVIRONMENTAL
MARINE - INDUSTRIAL - GEOGRAPHIC INFORMATION SYSTEMS
19 GENESEE STREET, CAMILLUS, NEW YORK 13031
PHONE: (315) 672-8233 FAX: (315) 672-8932
WWW.TDKENGINEERING.COM

REVISIONS: △ DATE:

PROJECT: SCSD TRANSPORTATION FACILITY
CLIENT: SYRACUSE CITY SCHOOL DISTRICT
LOCATION: CITY OF SYRACUSE, ONONDAGA COUNTY, NEW YORK

DRAWING TITLE: GRADING PLAN

PROJECT No.: 2011082
SCALE: AS NOTED
DATE: 02-13-12
ENG'D BY: JCH
DRAWN BY: CIE
CHECKED BY: JED

SHEET NO. GD-1

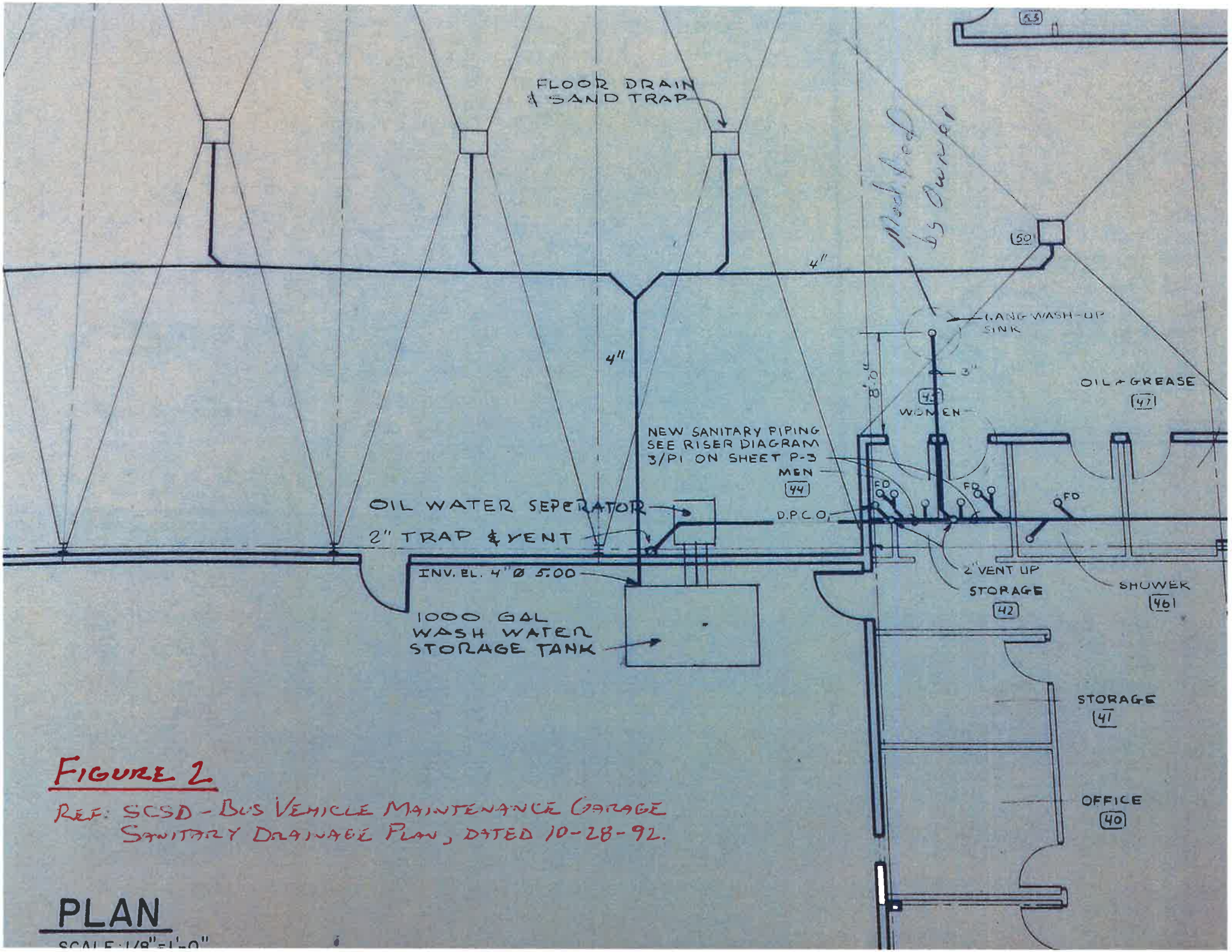


FIGURE 2.

REF: SCSD - BUS VEHICLE MAINTENANCE GARAGE SANITARY DRAINAGE PLAN, DATED 10-28-92.

PLAN

SCALE: 1/8"=1'-0"

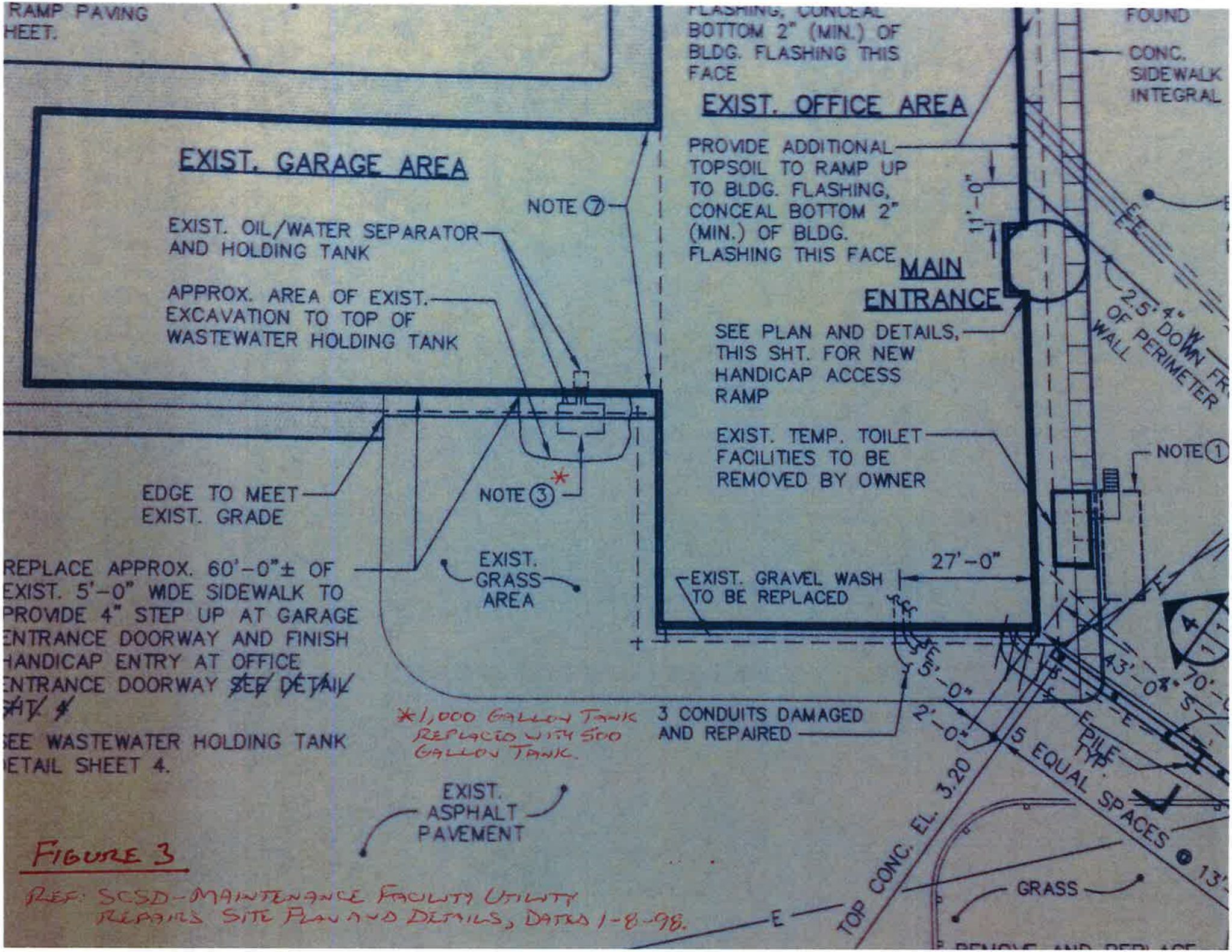


FIGURE 3

REF: SCSD-MAINTENANCE FACILITY UTILITY REPAIRS SITE PLAN AND DETAILS, DATED 1-8-98.

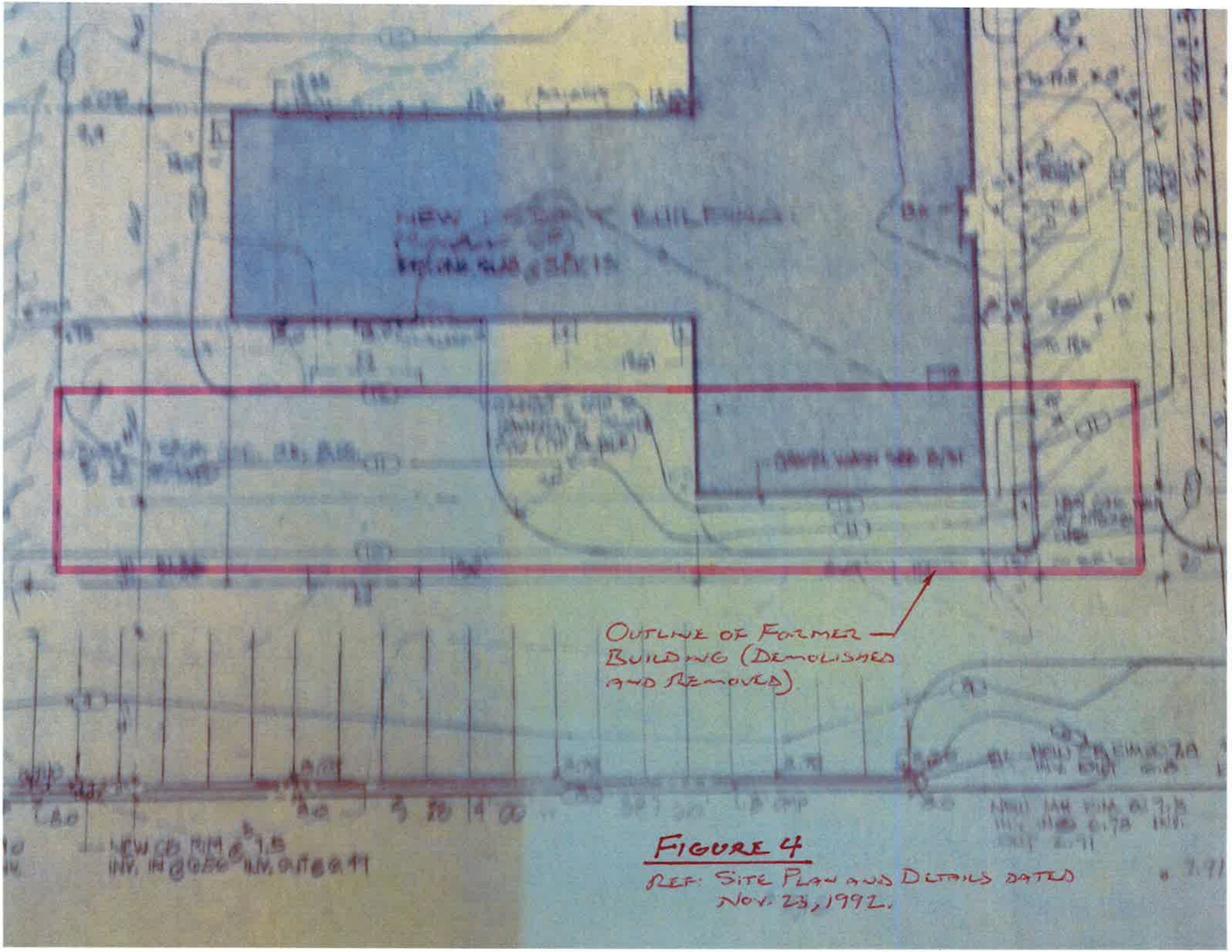
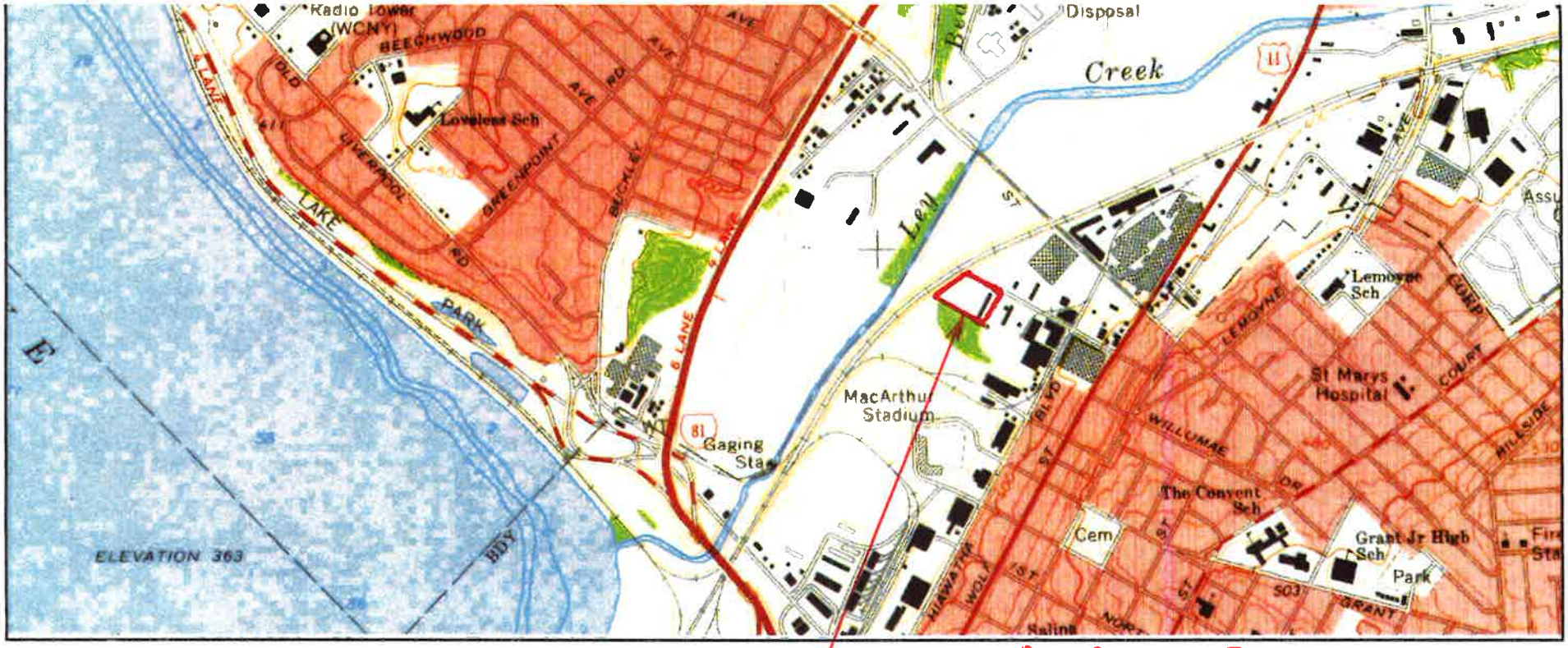


FIGURE 4

REF: SITE PLAN AND DETAILS DATED NOV. 23, 1992.

APPENDIX 3
(TRANSPORTATION CENTER)
Historic Topographic Maps

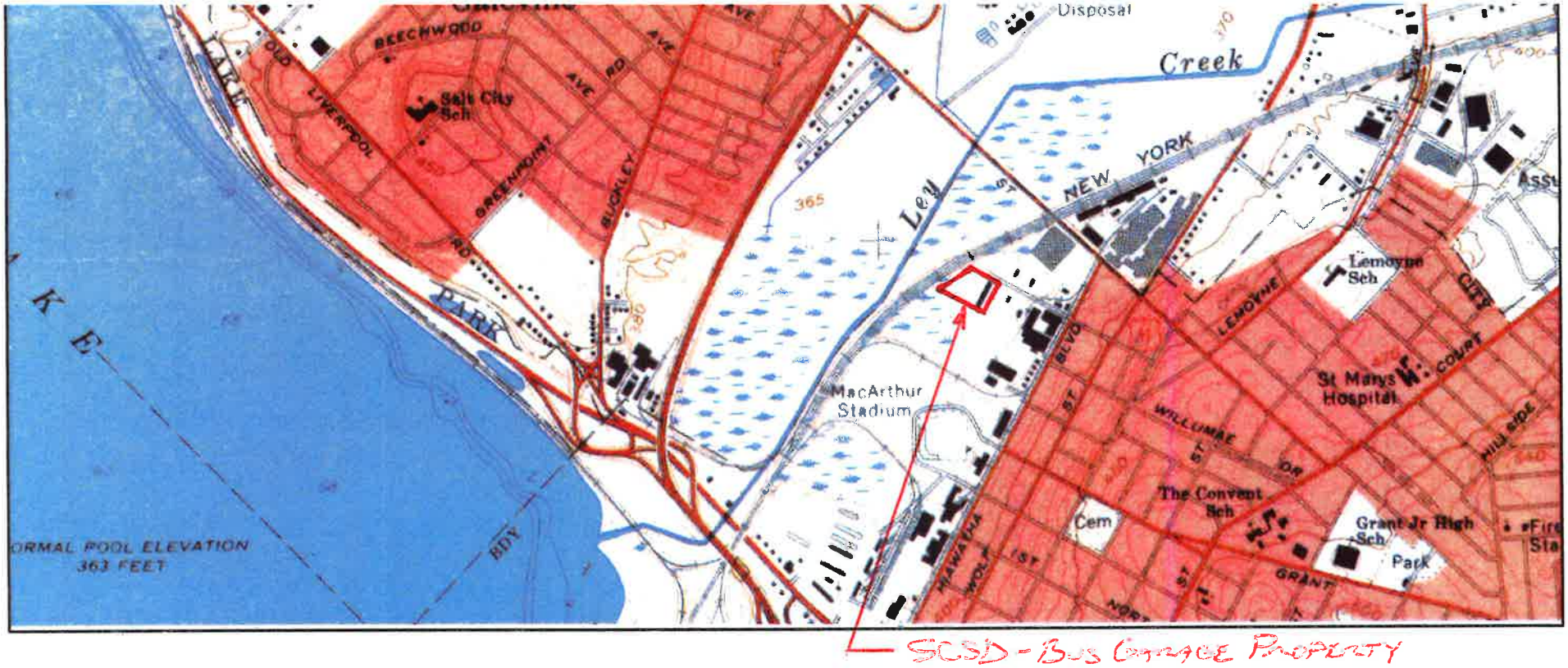


N

TARGET QUAD
NAME: SYRACUSE WEST
MAP YEAR: 1973

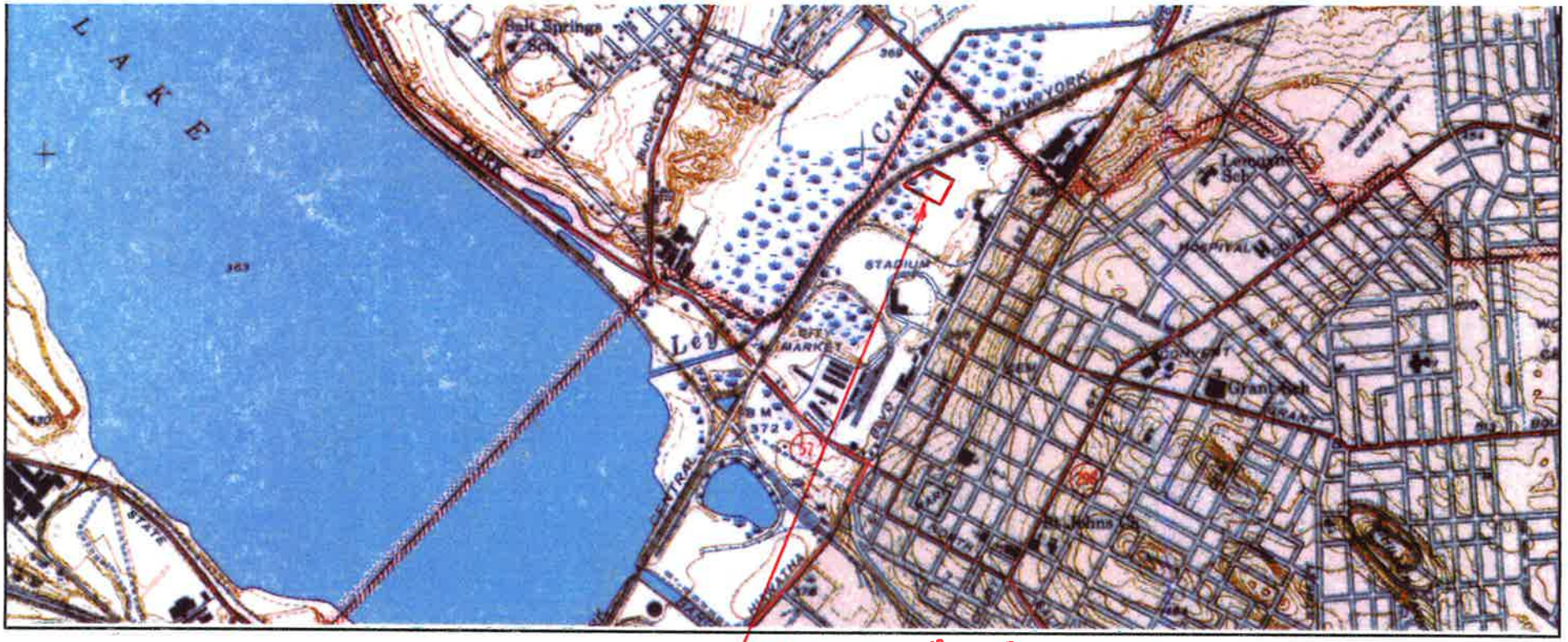
SERIES: 7.5
SCALE: ~~1:24000~~

CLIENT: TDK Engineering Associates
CONTACT: John Herrmann

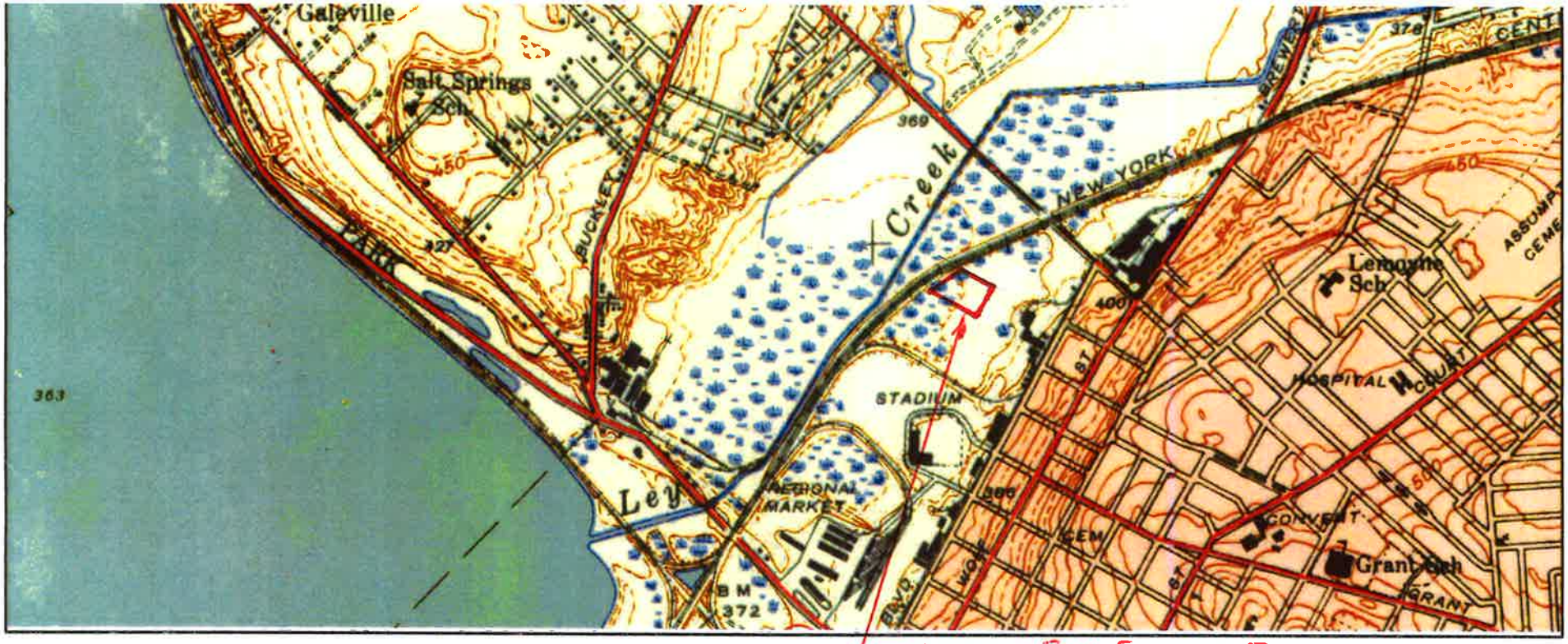


N	TARGET QUAD NAME: SYRACUSE WEST MAP YEAR: 1958 SERIES: 7.5 SCALE: ~~1:24000~~

CLIENT: TDK Engineering Associates
CONTACT: John Herrmann

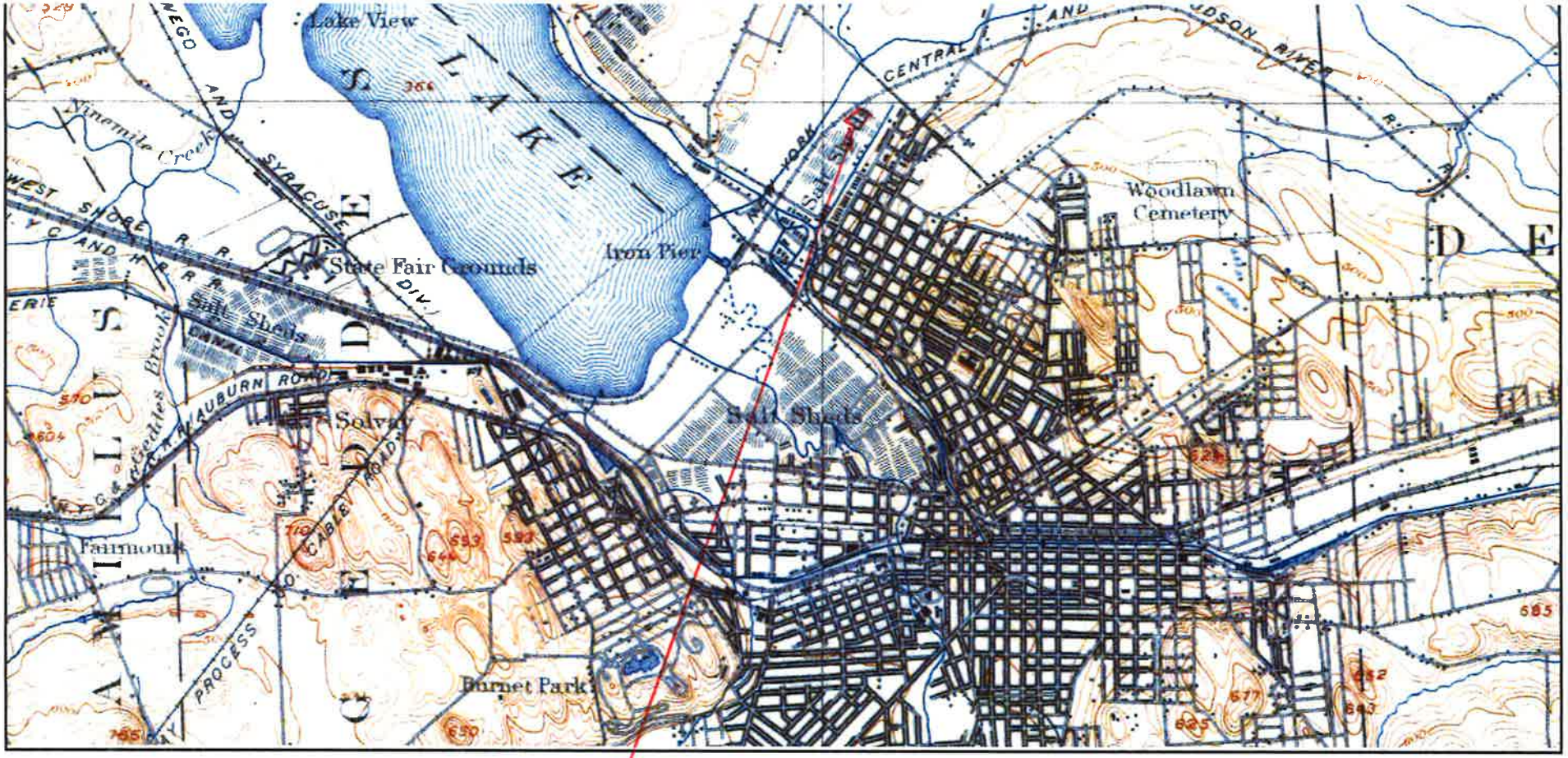


N	TARGET QUAD NAME: SYRACUSE WEST MAP YEAR: 1947 SERIES: 7.5 SCALE: ~~1:31680~~	CLIENT: TDK Engineering Associates CONTACT: John Herrmann



N	
TARGET QUAD	
NAME:	SYRACUSE WEST
MAP YEAR:	1939
SERIES:	7.5
SCALE:	~~1:24000~~

CLIENT:	TDK Engineering Associates
CONTACT:	John Herrmann



N	
TARGET QUAD	
NAME:	SYRACUSE
MAP YEAR:	1898
SERIES:	15
SCALE:	~~1:62500~~

CLIENT:	TDK Engineering Associates
CONTACT:	John Herrmann

APPENDIX 4
(TRANSPORTATION CENTER)
Historic Sanborn Fire Insurance Maps

SCSD - Bus Garage
369 6th North St
Syracuse, NY 13208

Inquiry Number: 3994936.3
July 02, 2014

Certified Sanborn® Map Report

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

7/02/14

Site Name:
SCSD - Bus Garage
369 6th North St
Syracuse, NY 13208

Client Name:
TDK Engineering Associates
19 Genesee Street
Camillus, NY 13031

EDR Inquiry # 3994936.3

Contact: John Herrmann

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by TDK Engineering Associates were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: SCSD - Bus Garage
Address: 369 6th North St
City, State, Zip: Syracuse, NY 13208
Cross Street:
P.O. # 2014019
Project: SCSD - Bus Garage
Certification # 6B2F-415F-A2C8

Maps Provided:

1990
1971
1968
1965
1953

Sanborn® Library search results
Certification # 6B2F-415F-A2C8

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✓ Library of Congress
- ✓ University Publications of America
- ✓ EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

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Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1990 Source Sheets

Volume 3, Sheet 316

Volume 3, Sheet 399d

1971 Source Sheets

Volume 3, Sheet 316

1968 Source Sheets

Volume 3, Sheet 316

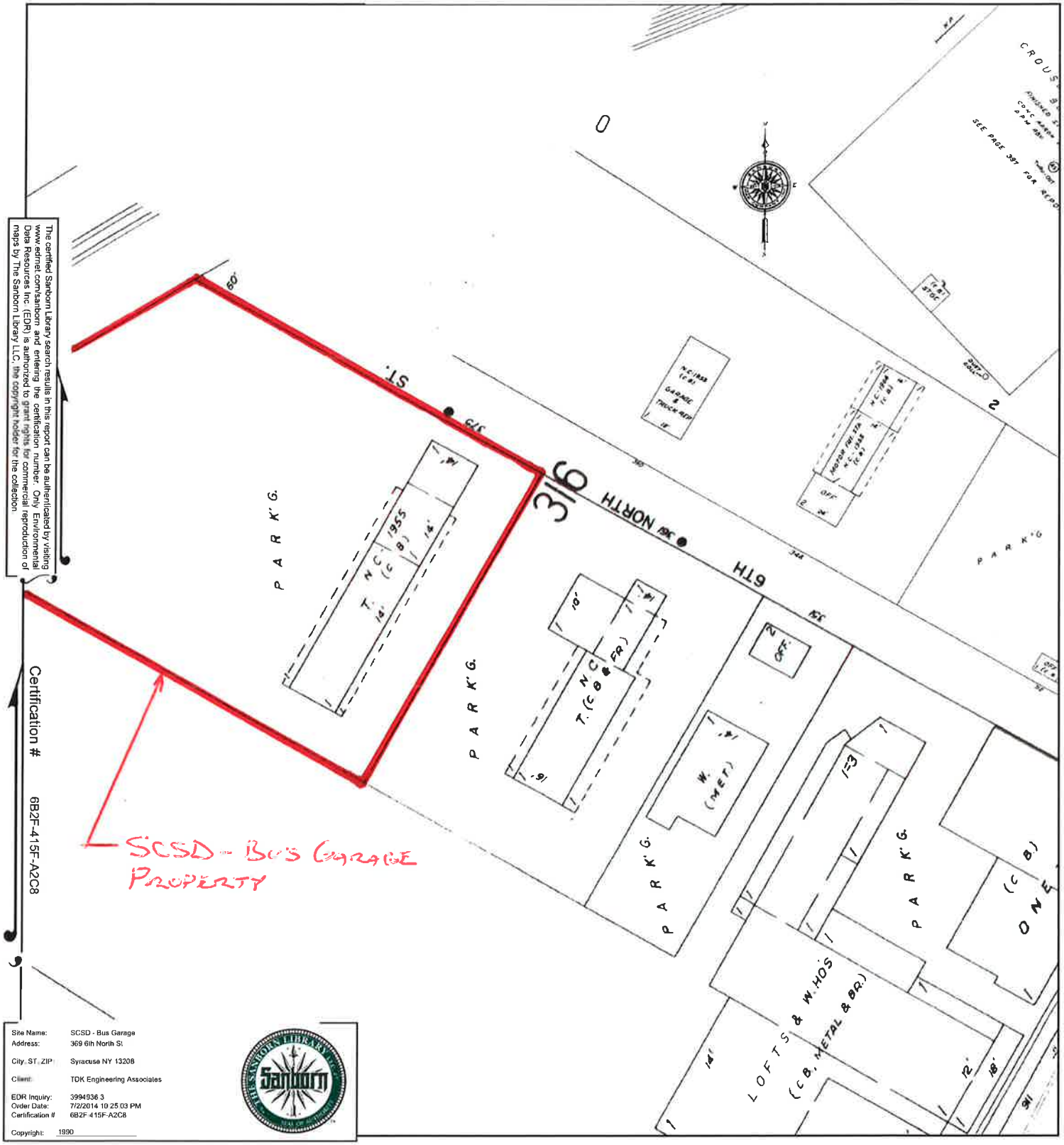
1965 Source Sheets

Volume 3, Sheet 316

1953 Source Sheets

Volume 3, Sheet 316

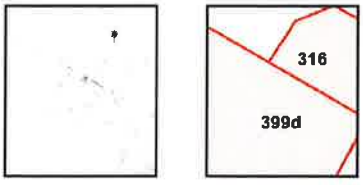
1990 Certified Sanborn Map



Certification # 6B2F-415F-A2C8

Site Name: SCSD - Bus Garage
Address: 369 6th North St
City, ST, ZIP: Syracuse NY 13208
Client: TDK Engineering Associates
EDR Inquiry: 3994936.3
Order Date: 7/2/2014 10:25:03 PM
Certification #: 6B2F-415F-A2C8
Copyright: 1990

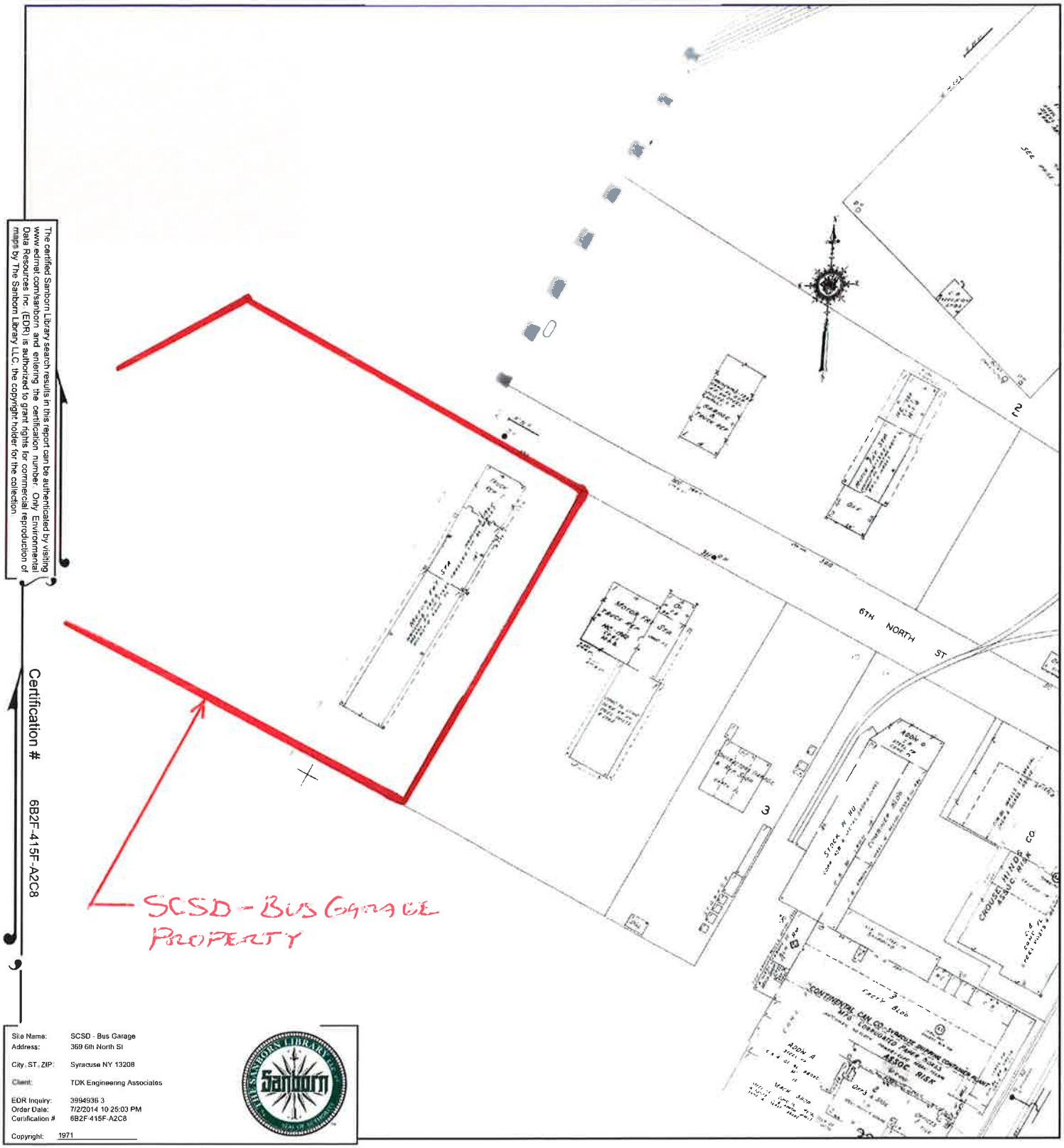
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 3, Sheet 316
Volume 3, Sheet 399d

0 Feet 150 300 600

1971 Certified Sanborn Map



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Certification # 6B2F-415F-A2C8

Site Name: SCSD - Bus Garage
Address: 369 6th North St
City, ST, ZIP: Syracuse NY 13208
Client: TDK Engineering Associates
EDR Inquiry: 3994936.3
Order Date: 7/2/2014 10:25:03 PM
Certification #: 6B2F-415F-A2C8
Copyright: 1971

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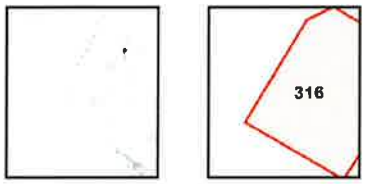
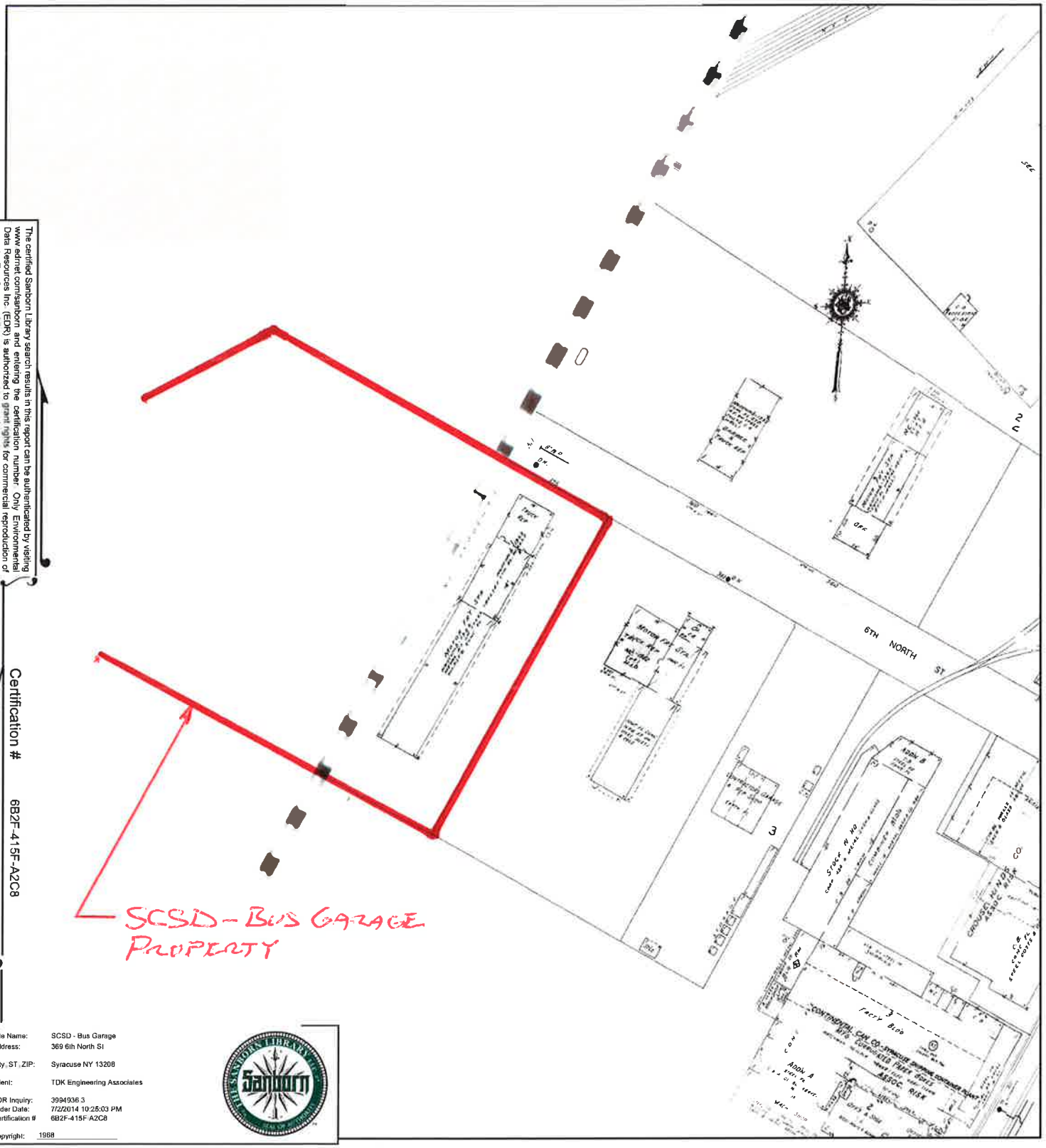


Volume 3, Sheet 316

0 Feet 150 300 600

N

1968 Certified Sanborn Map



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Certification # 6B2F-415F-A2C8

Site Name: SCSD - Bus Garage
Address: 369 6th North St
City, ST, ZIP: Syracuse NY 13208
Client: TDK Engineering Associates
EDR Inquiry: 3994936.3
Order Date: 7/2/2014 10:25:03 PM
Certification #: 6B2F-415F-A2C8
Copyright: 1968

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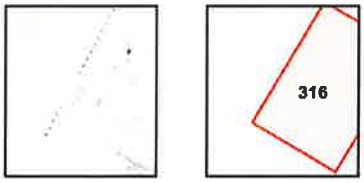
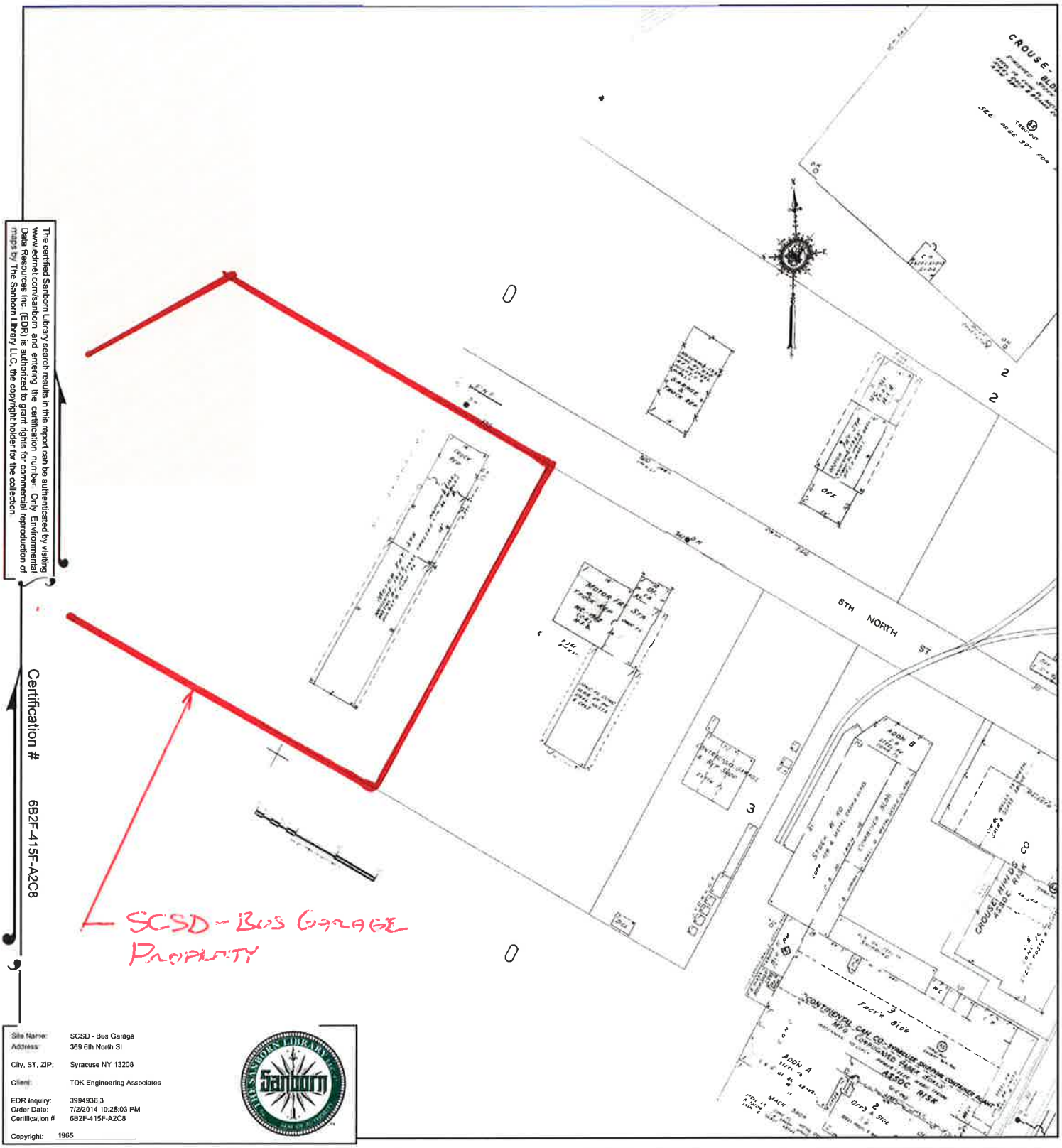


Volume 3, Sheet 316

0 Feet 150 300 600

N

1965 Certified Sanborn Map



Certification # 6B2F-415F-A2C8

Site Name: SCSD - Bus Garage
Address: 369 6th North St
City, ST, ZIP: Syracuse NY 13208
Client: TDK Engineering Associates
EDR Inquiry: 3994936.3
Order Date: 7/2/2014 10:25:03 PM
Certification #: 6B2F-415F-A2C8
Copyright: 1965

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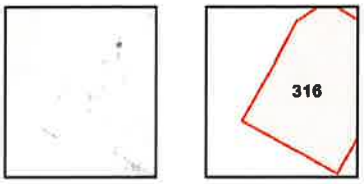
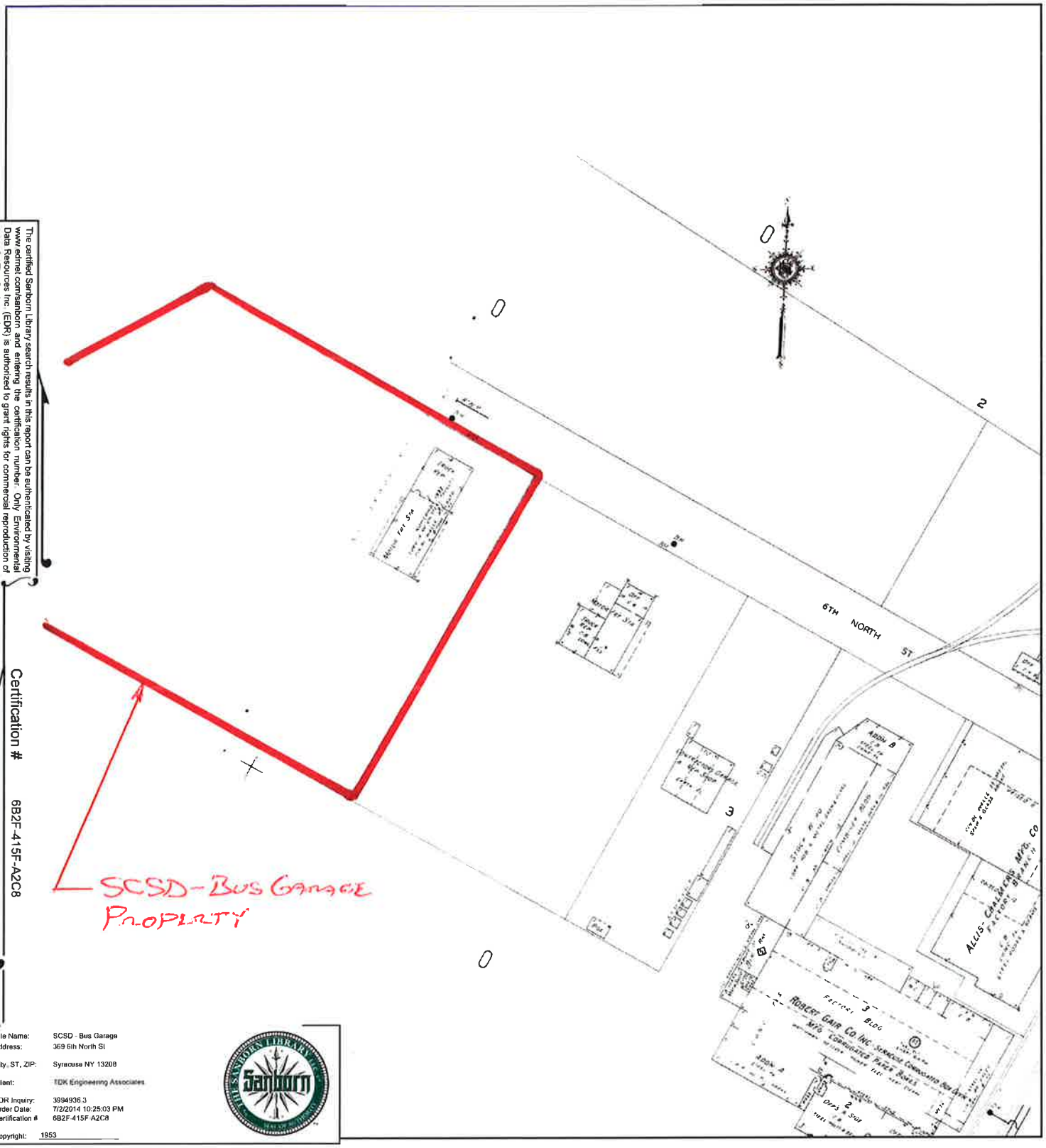


Volume 3, Sheet 316

0 Feet 150 300 600

N

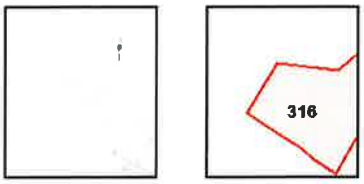
1953 Certified Sanborn Map



Certification # 6B2F-415F-A2C8

Site Name: SCSD - Bus Garage
Address: 369 6th North St
City, ST, ZIP: Syracuse NY 13208
Client: TDK Engineering Associates
EDR Inquiry: 3994936.3
Order Date: 7/2/2014 10:25:03 PM
Certification #: 6B2F-415F-A2C8
Copyright: 1953

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 3, Sheet 316

0 Feet 150 300 600

N

APPENDIX 5
(TRANSPORTATION CENTER)
LSL Analytical Report

LSL

Dave Delaney
Syracuse City School District
Facilities
725 Harrison Street
Syracuse, NY 13210

Phone: (315) 435-5822
FAX: (315) 435-4235

Laboratory Analysis Report

For

Syracuse City School District

Client Project ID:

SCSD Transportation Facility

LSL Project ID: **1107509**

Receive Date/Time: 06/01/11 12:07

Project Received by: GS

Life Science Laboratories, Inc.

LSL Central Lab
5854 Butternut Drive
East Syracuse, NY 13057
Tel. (315) 445-1105
Fax (315) 445-1301
NYS DOH ELAP #10248
PA DEP #68-2556

LSL North Lab
131 St. Lawrence Avenue
Waddington, NY 13694
Tel. (315) 388-4476
Fax (315) 388-4061
NYS DOH ELAP #10900

LSL Finger Lakes Lab
16 N. Main St., PO Box 424
Wayland, NY 14572
Tel. (585) 728-3320
Fax (585) 728-2711
NYS DOH ELAP #11667

LSL Southern Tier Lab
30 East Main Street
Cuba, NY 14727
Tel. (585) 968-2640
Fax (585) 968-0906
NYS DOH ELAP #10760

LSL MidLakes Lab
699 South Main Street
Canandaigua, NY 14424
Tel. (585) 396-0270
Fax (585) 396-0377
NYS DOH ELAP #11369

This report was reviewed by: Linda M. Pohli, QA *Date:* 6/15/11

Life Science Laboratories, Inc.

A copy of this report was sent to: *Scott Gates*

Date Printed: 6/15/11

-- LABORATORY ANALYSIS REPORT --

Syracuse City School District *Syracuse, NY*

Sample ID: Soil Pile @ 369 6th North St. **LSL Sample ID:** 1107509-001

Location:

Sampled: 06/01/11 11:10 **Sampled By:** EB

Sample Matrix: SHW Dry Wt, Soil

Analytical Method / Analyte	Result	Units	Prep Date	Analysis Date & Time	Analyst Initials
(1) NYS-DEC STARS 8270 Base/Neutrals					
Acenaphthene	<2000	ug/kg dry	6/7/11	6/8/11	CRT
Acenaphthylene	<2000	ug/kg dry	6/7/11	6/8/11	CRT
Anthracene	<2000	ug/kg dry	6/7/11	6/8/11	CRT
Benzo(a)anthracene	<2000	ug/kg dry	6/7/11	6/8/11	CRT
Benzo(b)fluoranthene	<2000	ug/kg dry	6/7/11	6/8/11	CRT
Benzo(k)fluoranthene	<2000	ug/kg dry	6/7/11	6/8/11	CRT
Benzo(ghi)perylene	<2000	ug/kg dry	6/7/11	6/8/11	CRT
Benzo(a)pyrene	<2000	ug/kg dry	6/7/11	6/8/11	CRT
Chrysene	<2000	ug/kg dry	6/7/11	6/8/11	CRT
Dibenz(a,h)anthracene	<2000	ug/kg dry	6/7/11	6/8/11	CRT
Fluoranthene	<2000	ug/kg dry	6/7/11	6/8/11	CRT
Fluorene	<2000	ug/kg dry	6/7/11	6/8/11	CRT
Indeno(1,2,3-c,d)pyrene	<2000	ug/kg dry	6/7/11	6/8/11	CRT
Phenanthrene	<2000	ug/kg dry	6/7/11	6/8/11	CRT
Pyrene	<2000	ug/kg dry	6/7/11	6/8/11	CRT
Surrogate (Nitrobenzene-d5)	42	%R	6/7/11	6/8/11	CRT
Surrogate (2-Fluorobiphenyl)	56	%R	6/7/11	6/8/11	CRT
Surrogate (Terphenyl-d14)	68	%R	6/7/11	6/8/11	CRT

Elevated detection limit due to high molecular weight compounds and colored, opaque extract.

(1) Sampling Charge

Sampling Charge

Life Science Laboratories, Inc.

Date Printed: 6/15/11

Analysis performed at: *(1) LSL Central, (2) LSL North, (3) LSL Finger Lakes, (4) LSL Southern Tier, (5) LSL MidLakes*

LSL

SURROGATE RECOVERY CONTROL LIMITS FOR ORGANIC METHODS

Method	Surrogate(s)	Water Limits, %R	SHW Limits, %R
EPA 504	TCMX	80-120	NA
EPA 508	DCB	70-130	NA
EPA 515.4	DCAA	70-130	NA
EPA 524.2	1,2-DCA-d4	70-130	NA
EPA 524.2	Tol-d8, 4-BFB	75-125	NA
EPA 525.2	1,3-DM-2-NB, TPP, Per-d12	70-130	NA
EPA 526	1,3-DM-2-NB, TPP	70-130	NA
EPA 528	2-CP-3,4,5,6-d4, 2,4,6-TBP	70-130	NA
EPA 551.1	Decafluorobiphenyl	80-120	NA
EPA 552.2	2,3-DBPA	70-130	NA
EPA 601/602	1,2-DCA-d4	70-130	NA
EPA 601/602	Tol-d8, 4-BFB	75-125	NA
EPA 608	TCMX, DCB	30-150	NA
EPA 624	1,2-DCA-d4	70-130	NA
EPA 624	Tol-d8, 4-BFB	75-125	NA
EPA 625, AE	2-Fluorophenol	21-110	NA
EPA 625, AE	Phenol-d5	10-110	NA
EPA 625, AE	2,4,6-Tribromophenol	10-123	NA
EPA 625, BN	Nitrobenzene-d5	35-114	NA
EPA 625, BN	2-Fluorobiphenyl	43-116	NA
EPA 625, BN	Terphenyl-d14	33-141	NA
EPA 8010/8020/8021	1,2-DCA-d4	70-130	69-127
EPA 8010/8020/8021	Tol-d8	75-125	72-138
EPA 8010/8020/8021	4-BFB	75-125	53-167
EPA 8081	TCMX, DCB	30-150	30-150
EPA 8082	DCB	30-150	30-150
EPA 8151	DCAA	30-130	30-120
EPA 8260	1,2-DCA-d4	70-130	69-127
EPA 8260	Tol-d8	75-125	72-138
EPA 8260	4-BFB	75-125	53-167
EPA 8270, AE	2-Fluorophenol	21-110	25-121
EPA 8270, AE	Phenol-d5	10-110	24-113
EPA 8270, AE	2,4,6-Tribromophenol	10-123	19-122
EPA 8270, BN	Nitrobenzene-d5	35-114	23-120
EPA 8270, BN	2-Fluorobiphenyl	43-116	30-115
EPA 8270, BN	Terphenyl-d14	33-141	18-137
DOH 310-13	Terphenyl-d14	40-110	40-110
DOH 310-14	Terphenyl-d14	40-110	40-110
DOH 310-15	Terphenyl-d14	40-110	40-110
DOH 310-34	4-BFB	50-150	50-150
DOH 313-4	DCB	NA	30-150
8015M_GRO	4-BFB	50-150	50-150
8015M_DRO	Terphenyl-d14	50-150	50-150

Units Key:	ug/l = microgram per liter ug/kg = microgram per kilogram mg/l = milligram per liter mg/kg = milligram per kilogram %R = Percent Recovery

Life Science Laboratories, Inc.
5854 Butternut Drive
East Syracuse, NY 13057
Phone # (315) 445-1105 Telefax # (315) 445-1301

Chain of Custody Record

1107509
SyrCitySchools
2122

Client: Syracuse City School District Phone # 315-435-4246
Address: 214 Park Ave. Fax #
Syracuse, NY 13204

Authorization:

Contact Person: Scott L. Gates

LSL Project #:

Client's Site I.D.: SCSD Transportation Facility

Client's Project I.D.:

LSL Sample Number	Client's Sample Identifications	Sample Date	Sample Time	Type grab	Type comp.	Matrix	Preserv. Added	Containers #	Containers size/type	Analyses	Free Cl (mg/L)	Pres. Check
001	Soil Pile @ 369	6-1-11	1110		X	SHW	None	1	16oz	EPA 8270 STARS		
	6th North St.											

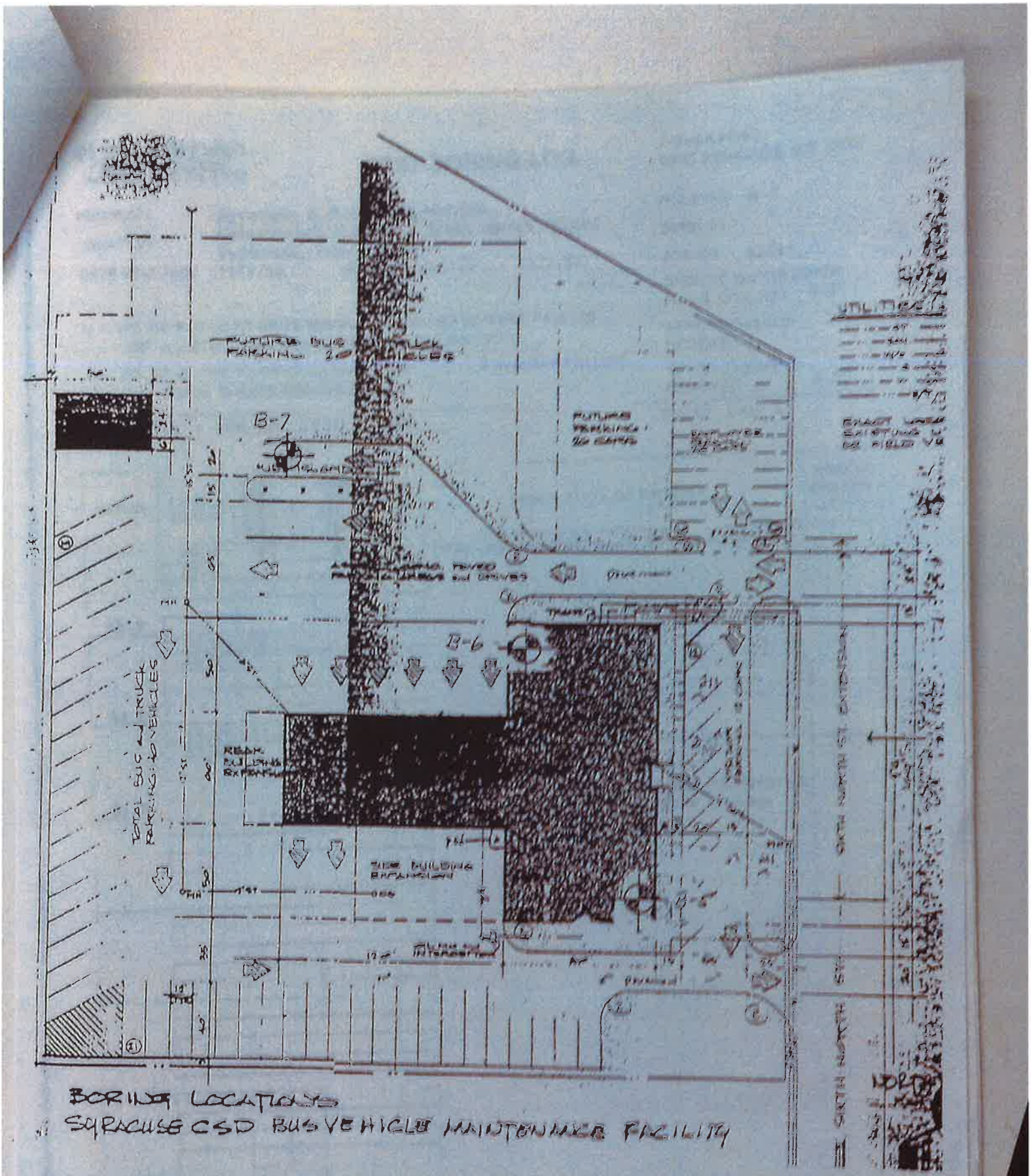
Notes and Hazard identifications:

Z Hrs. @ $45.00 / Hr.

Custody Transfers		Date	Time
Sampled By:	Received By:	6-1-11	1110
Relinquished By:	Received By:		
Relinquished By:	Received for Lab By: 06-01-11	12:07	IN

Shipment Method: Samples Received Intact: Y N 16.9°

APPENDIX 6
(TRANSPORTATION CENTER)
Soil Boring Logs


B-7
B-6
FUTURE BUS PARKING
FUTURE PARKING
TOTAL BUS & TRUCK PARKING: 40 VEHICLES
BORING LOCATIONS
SYRACUSE CSD BUS VEHICLE MAINTENANCE FACILITY
DRAWN BY
JOB NO 9204
DATE
SCALE
Schopfer Architects
SHEET NO B-1

TEST BORING LOG

parratt wolff inc
FISHER ROAD
EAST SYRACUSE, N.Y. 13057

PROJECT: Syracuse C.S.D. Bus Vehicle Maintenance Facility - Sixth North Street
LOCATION: Syracuse, New York
DATE STARTED: 10/2/92 DATE COMPLETED: 10/2/92

HOLE NO. B-5
SURF. EL.
JOB NO. 92281

GROUND WATER DEPTH
WHILE DRILLING 2.5'
BEFORE CASING REMOVED 2.0'
AFTER CASING REMOVED 2.0'

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

C — NO. OF BLOWS TO DRIVE CASING 12" W/ # HAMMER FALLING "/OR — % CORE RECOVERY

CASING TYPE - HOLLOW STEM AUGER

SHEET 1 OF 1

DEPTH	SAMPLE DEPTH	SAMPLE NUMBER	C	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
	0.0'-	1		12/9		Black-white moist medium dense CINDERS, little fine to coarse gravel, little fine to coarse sand	
WL ▼	2.0'			10/13	19		
5.0							
	5.0'-	2		5/3			6.0'
	6.3'			65-.3'		Brown wet very dense coarse to fine GRAVEL and WOOD	8.0'
10.0						Brown wet very soft organic and inorganic SILT, trace rubble, trace shells	
	10.0'-	3		1/1			
	11.5'			1	2		
15.0							
	15.0'-	4		WH-1.0'			
	16.5'			1			
20.0							20.0'
	20.0'-	5		3/3		Gray wet medium stiff SILT and fine to coarse SAND, trace fine gravel	
	21.5'			5	8		
25.0							25.0'
	25.0'-	6		2/1		Gray wet very soft SILT, some fine sand, trace clay	
	26.5'			1	2	Bottom of Boring	26.5'
30.0							

Note: WH indicates sampler penetrated under weight of 140# hammer.

parratt wolff inc

TEST BORING LOG

FISHER ROAD
EAST SYRACUSE, N.Y. 13057

PROJECT: Syracuse C.S.D. Bus Vehicle Maintenance Facility - Sixth North Street
LOCATION: Syracuse, New York
DATE STARTED: 10/2/92 DATE COMPLETED: 10/2/92

HOLE NO. B-6
SURF. EL.
JOB NO. 92281
GROUND WATER DEPTH
WHILE DRILLING 2.5'
BEFORE CASING REMOVED 13.8'
AFTER CASING REMOVED 2.0'

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST
C — NO. OF BLOWS TO DRIVE CASING 12" W/ # HAMMER FALLING
R/OR — % CORE RECOVERY

CASING TYPE - HOLLOW STEM AUGER

SHEET 1 OF 1

DEPTH	SAMPLE DEPTH	SAMPLE NUMBER	C	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
	0.0'-2.0'	1		29/27		Brown dry hard SILT and fine to coarse GRAVEL, little fine to coarse sand	1.5'
WL ▼				20/6	97		
5.0						Black-white moist to wet dense to very loose CINDERS	
	5.0'-6.5'	2		1/1			
				1	2		
10.0							
	10.0'-11.5'	3		WH-1.0'			11.0'
				1		Brown moist soft PEAT	
15.0							15.0'
	15.0'-16.5'	4		WH-1.5'		Brown moist very soft organic and inorganic SILT, trace shells, trace fine sand	
20.0							20.0'
	20.0'-21.5'	5		2/1		Gray wet medium stiff SILT and fine SAND	
				4	5		
25.0							25.5'
	25.0'-26.5'	6		2/7		Gray wet medium dense fine SAND and SILT	
				15	22		
						Bottom of Boring	26.5'
30.0							

Note: WH indicates sampler penetrated under weight of 140# hammer.

parratt wolff inc

TEST BORING LOG

FISHER ROAD
EAST SYRACUSE, N.Y. 13057

PROJECT: Syracuse C.S.D. Bus Vehicle Maintenance Facility - Sixth North Street
LOCATION: Syracuse, New York
DATE STARTED: 10/2/92 DATE COMPLETED: 10/2/92

HOLE NO. B-7
SURF. EL.
JOB NO 92281
GROUND WATER DEPTH
WHILE DRILLING 4.0'
BEFORE CASING REMOVED
AFTER CASING REMOVED 3.5'

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

C — NO. OF BLOWS TO DRIVE CASING 12" W/ # HAMMER FALLING

"/OR — % CORE RECOVERY

CASING TYPE - HOLLOW STEM AUGER

SHEET 1 OF 2

DEPTH	SAMPLE DEPTH	SAMPLE NUMBER	C	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
	0.0'-2.0'	1		13/19 27/18	46	Gray dry dense medium to fine GRAVEL and coarse to fine SAND, trace silt	
WL ▼ 5.0							4.0'
	5.0'-6.5'	2		4/1 2	3	Brown moist very loose fine to coarse SAND, some silt, trace cinders	
10.0							10.0'
	10.0'-11.5'	3		2/1 2	3	Gray-white wet very loose CINDERS	11.0'
						Brown moist soft to very soft PEAT, trace shells	
15.0							
	15.0'-15.5'	4		1/1 1	2		
20.0							
	20.0'-21.5'	5		4/3 5	8	Gray wet stiff SILT, some fine sand	20.0'
25.0							
	25.0'-26.5'	6		4/3 8	11	Gray wet stiff SILT, trace fine sand	25.0'
30.0							
	30.0'-31.5'	7		4/3 2	5	Brown-gray wet medium stiff to very soft SILT, little fine sand	30.0'
35.0							
	35.0'-36.5'	8		1/WH-1.0'			
40.0							

Parratt Wolff Inc

TEST BORING LOG

FISHER ROAD
EAST SYRACUSE, N.Y. 13057

PROJECT: Syracuse C.S.D. Bus Vehicle Maintenance Facility - Sixth North Street Syracuse, New York

LOCATION:

DATE STARTED: 10/2/92 DATE COMPLETED: 10/2/92

HOLE NO. B-7

SURF. EL.

JOB NO. 92281

GROUND WATER DEPTH
WHILE DRILLING 4.0'

BEFORE CASING REMOVED

AFTER CASING REMOVED 3.5'

N = NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

C = NO. OF BLOWS TO DRIVE CASING 12" W/ # HAMMER FALLING

"/OR = % CORE RECOVERY

CASING TYPE = HOLLOW STEM AUGER

SHEET 2 OF 2

DEPTH	SAMPLE DEPTH	SAMPLE NUMBER	C	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
	40.0'- 41.5'	9		WH/2 3	5	Gray wet medium stiff SILT, some clay	
45.0							
	45.0'- 46.5'	10		1/2 2	4		
50.0							
	50.0'- 51.5'	11		4/3 4	7		
						Bottom of Boring	51.5'
55.0						Note: WH indicates sampler penetrated under weight of 140# hammer.	

APPENDIX 7
(TRANSPORTATION CENTER)
EDR Report

SCSD - Bus Garage
369 6th North St
Syracuse, NY 13208

Inquiry Number: 3994936.2s
July 02, 2014

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

369 6TH NORTH ST
SYRACUSE, NY 13208

COORDINATES

Latitude (North):	43.0819000 - 43° 4' 54.84"
Longitude (West):	76.1614000 - 76° 9' 41.04"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	405458.9
UTM Y (Meters):	4770349.0
Elevation:	373 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	43076-A2 SYRACUSE WEST, NY
Most Recent Revision:	1978

AERIAL PHOTOGRAPHY IN THIS REPORT

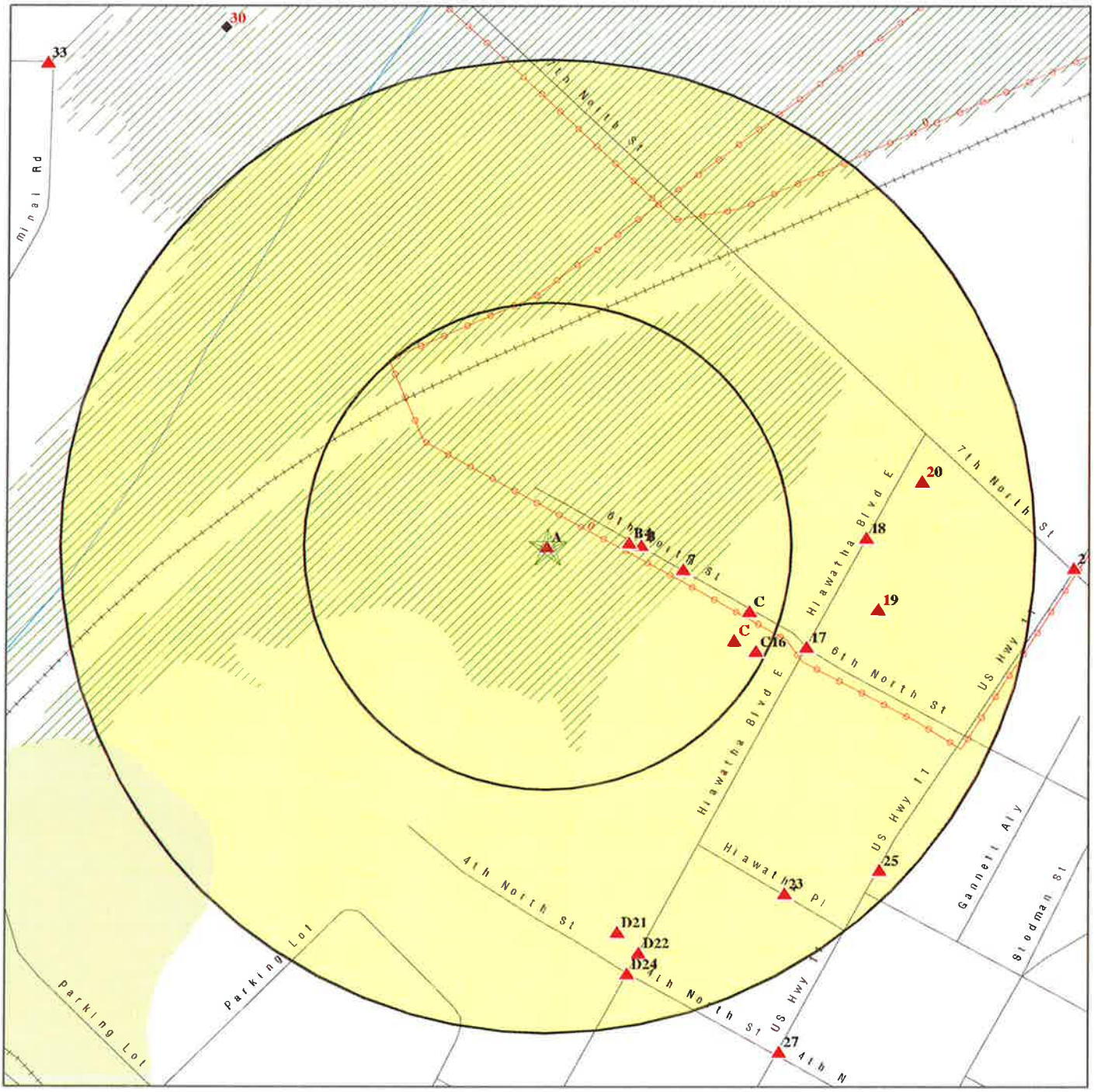
Portions of Photo from:	20110511
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
ROBERT LESTER TRANSPORTATION 369 6TH NORTH ST SYRACUSE, NY	FINDS	N/A
SCHOOL BUS GARAGE 369 6TH NORTH ST SYRACUSE, NY	NY Spills Spill Number/Closed Date: 9607626 / 8/5/2002 Spill Number/Closed Date: 9701709 / 6/18/1997	N/A
ROBERT LESTER TRANSPORTATION 369 6TH NORTH ST SYRACUSE, NY 13208	RCRA NonGen / NLR	NYR000143164

DETAIL MAP - 3994936.2s



0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: SCSD - Bus Garage ADDRESS: 369 6th North St Syracuse NY 13208 LAT/LONG: 43.0819 / 76.1614	CLIENT: TDK Engineering Associates CONTACT: John Herrmann INQUIRY #: 3994936.2s DATE: July 02, 2014 3:50 pm

A1
Target Property
ROBERT LESTER TRANSPORTATION
369 6TH NORTH ST
SYRACUSE, NY

FINDS **1010461729**
N/A

Site 1 of 3 in cluster A

Actual: 373 ft.

FINDS:

Registry ID: 110031403684

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

A2
Target Property
SCHOOL BUS GARAGE
369 6TH NORTH ST
SYRACUSE, NY

NY Spills **S102402763**
N/A

Site 2 of 3 in cluster A

Actual: 373 ft.

SPILLS:

Facility ID:	9607626
Facility Type:	ER
DER Facility ID:	205210
Site ID:	250364
DEC Region:	7
Spill Date:	9/17/1996
Spill Number/Closed Date:	9607626 / 8/5/2002
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3415
Investigator:	HDWARNER
Referred To:	Not reported
Reported to Dept:	9/17/1996
CID:	312
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	9/24/1996
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	9/17/1996
Spill Record Last Update:	8/5/2002
Spiller Name:	SANDY LEWIS
Spiller Company:	SYRACUSE CITY BUS GARAGE
Spiller Address:	369 6TH NORTH ST
Spiller City,St,Zip:	SYRACUSE, NY
Spiller Company:	001
Contact Name:	SANDY LEWIS
Contact Phone:	(315) 435-4504
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was

SCHOOL BUS GARAGE (Continued) **S102402763**

Remarks: "HW"9/23/96: SPOKE WITH SCOOT NORSTRAND OF BARTON & LOGUIDICE CONSTUCTION SITE AT SYRACUSE SCHOOL BUS GARAGE HAS A DEWATERING PROBLEM IN WHICH LOW LEVELS OF NAPTHALENE. WATER WILL NEED TO BE TREATED OR TAKEN OFF SITE FOR DISPOSAL. 9/24/96:SITE INSPECTION: UTILITIES TRENCH BEING DUG MINOR PETROLEUM CONTAMINATION PRESENT. EXCAVATION FOR PIPE INSTALLATION LOCATED CONTAMINATED SOIL

Material:

Site ID:	250364
Operable Unit ID:	1038785
Operable Unit:	01
Material ID:	346885
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	250364
Spill Tank Test:	1544762
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

Facility ID:	9701709
Facility Type:	ER
DER Facility ID:	205210
Site ID:	250365
DEC Region:	7
Spill Date:	5/8/1997
Spill Number/Closed Date:	9701709 / 6/18/1997
Spill Cause:	Deliberate
Spill Class:	No spill occured. No DEC Response. No corrective action required.
SWIS:	3415
Investigator:	ROMOCKI
Referred To:	Not reported
Reported to Dept:	5/8/1997
CID:	267
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False

SCHOOL BUS GARAGE (Continued) **S102402763**

Remediation Phase:	0
Date Entered In Computer:	5/8/1997
Spill Record Last Update:	2/20/2004
Spiller Name:	Not reported
Spiller Company:	GENO
Spiller Address:	369 6TH NORTH ST
Spiller City,St,Zip:	SYRACUSE, NY
Spiller Company:	001
Contact Name:	SANDY LEWIS
Contact Phone:	(315) 435-4504
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MR"2004/02/19 - Spill_Time was previously blank and replaced with RCVD_Time to fix a data translation problem... Bob Corcoran
Remarks:	ORANGE COLORED WATER BEING PUMPED-OUT FROM BUILDING. THIS WATERIS ENTERING THE CALLERS PROPERTYFAXED FROM REG

Material:

Tank Test:

A3 Target Property **ROBERT LESTER TRANSPORTATION**
369 6TH NORTH ST
SYRACUSE, NY 13208

RCRA NonGen / NLR **1010328435**
NYR000143164

Site 3 of 3 in cluster A

Actual: 373 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	ROBERT LESTER TRANSPORTATION
Facility address:	369 6TH NORTH ST SYRACUSE, NY 13208
EPA ID:	NYR000143164
Mailing address:	6TH NORTH ST SYRACUSE, NY 13208
Contact:	DAVID C DELANEY
Contact address:	6TH NORTH ST SYRACUSE, NY 13208
Contact country:	US
Contact telephone:	(315) 435-5822
Contact email:	DDELANEY@SCSD.US
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	NO NAME FOUND
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Operator
Owner/Op start date:	04/21/1848
Owner/Op end date:	Not reported

Owner/operator name:	CITY OF SYRACUSE

ROBERT LESTER TRANSPORTATION (Continued) **1010328435**

Owner/operator address: E WASHINGTON ST
SYRACUSE, NY 13202
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 12/14/1847
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 12/05/2006
Facility name: ROBERT LESTER TRANSPORTATION
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/04/2006
Facility name: ROBERT LESTER TRANSPORTATION
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NPL Region North 1/4-1/2 1549 ft. **ONONDAGA LAKE**

SYRACUSE, NY 13209

NPL 1000481580
CERCLIS NYD986913580
US ENG CONTROLS
US INST CONTROL
ROD
NY Spills
PRP

NPL:
EPA ID: NYD986913580
EPA Region: 02
Federal: N
Final Date: 1994-12-16 00:00:00

Site Details:
Site Name: ONONDAGA LAKE
Site Status: Final
Site Zip: 13209
Site City: SYRACUSE
Site State: NY